

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

SpyCatcher003

RRID:Addgene_133447

Type: Plasmid

Proper Citation

RRID:Addgene_133447

Plasmid Information

URL: <http://www.addgene.org/133447>

Proper Citation: RRID:Addgene_133447

Insert Name: SpyCatcher003

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31822621](#)

Vector Backbone Description: Backbone Marker:Thermo Fisher Scientific; Backbone Size:3641; Vector Backbone:pDEST14; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: SpyCatcher003

Record Creation Time: 20220422T221738+0000

Record Last Update: 20260725T073835+0000

Ratings and Alerts

No rating or validation information has been found for SpyCatcher003.

No alerts have been found for SpyCatcher003.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Lee J, et al. (2025) Structurally diverse viral inhibitors converge on a shared mechanism to stall the antigen transporter TAP. *Proceedings of the National Academy of Sciences of the United States of America*, 122(38), e2516676122.

Predeina O, et al. (2025) The SpyBLI cell-free pipeline for the rapid quantification of binding kinetics from crude samples. *RSC chemical biology*, 6(8), 1313.

Arimura Y, et al. (2025) MagIC-Cryo-EM, structural determination on magnetic beads for scarce macromolecules in heterogeneous samples. *eLife*, 13.

Vittani M, et al. (2025) Functional and structural profiling of circulation via genetically encoded modular fluorescent probes. *bioRxiv : the preprint server for biology*.

Lee J, et al. (2025) A Structural Atlas of TAP Inhibition by Herpesviruses and Poxviruses. *bioRxiv : the preprint server for biology*.

Jin M, et al. (2024) Dynamic allostery drives autocrine and paracrine TGF- β signaling. *Cell*, 187(22), 6200.

Arimura Y, et al. (2024) MagIC-Cryo-EM: Structural determination on magnetic beads for scarce macromolecules in heterogeneous samples. *bioRxiv : the preprint server for biology*.

Driscoll CL, et al. (2024) SpyMask enables combinatorial assembly of bispecific binders. *Nature communications*, 15(1), 2403.

Liu X, et al. (2023) Catalyst-free thiazolidine formation chemistry enables the facile construction of peptide/protein-cell conjugates (PCCs) at physiological pH. *Chemical science*, 14(26), 7334.

Yu Z, et al. (2022) Interactions between mTORC2 core subunits Rictor and mSin1 dictate selective and context-dependent phosphorylation of substrate kinases SGK1 and Akt. *The Journal of biological chemistry*, 298(9), 102288.

Keeble AH, et al. (2022) DogCatcher allows loop-friendly protein-protein ligation. *Cell chemical biology*, 29(2), 339.